

G05-0036seq.txt

SEQUENCE LISTING

<110> ITO, Yasuaki
FUJII, Ryo
HINUMA, Shuji
FUKUSUMI, Shoji
MARUYAMA, Minoru

<120> Novel Screening Method

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<140> US 10/542408
<141> 2005-07-15

<150> JP 2003-010001
<151> 2003-01-17

<150> JP 2003-104540
<151> 2003-04-08

<150> JP 2003-194497
<151> 2003-07-09

<150> JP 2003-329080
<151> 2003-09-19

<150> PCT/JP2004/000248
<151> 2004-01-15

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<213> Homo sapiens

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Leu Glu Gln Ala Asn Arg Thr Arg Phe Pro Phe Phe Ser Asp Val Lys
20 25 30
Gly Asp His Arg Leu Val Leu Ala Ala Val Glu Thr Thr Val Leu Val
35 40 45
Leu Ile Phe Ala Val Ser Leu Leu Gly Asn Val Cys Ala Leu Val Leu
50 55 60
Val Ala Arg Arg Arg Arg Gly Ala Thr Ala Cys Leu Val Leu Asn
65 70 75 80
Leu Phe Cys Ala Asp Leu Leu Phe Ile Ser Ala Ile Pro Leu Val Leu
85 90 95
Ala Val Arg Trp Thr Glu Ala Trp Leu Leu Gly Pro Val Ala Cys His
100 105 110
Leu Leu Phe Tyr Val Met Thr Leu Ser Gly Ser Val Thr Ile Leu Thr
115 120 125
Leu Ala Ala Val Ser Leu Glu Arg Met Val Cys Ile Val His Leu Gln
130 135 140
Arg Gly Val Arg Gly Pro Gly Arg Arg Ala Arg Ala Val Leu Leu Ala
145 150 155 160
Leu Ile Trp Gly Tyr Ser Ala Val Ala Ala Leu Pro Leu Cys Val Phe
165 170 175
Phe Arg Val Val Pro Gln Arg Leu Pro Gly Ala Asp Gln Glu Ile Ser
180 185 190
Ile Cys Thr Leu Ile Trp Pro Thr Ile Pro Gly Glu Ile Ser Trp Asp

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195	200	205
Val Ser Phe Val Thr Leu Asn Phe Leu Val Pro Gly Leu Val Ile Val		
210 215 220		
Ile Ser Tyr Ser Lys Ile Leu Gln Ile Thr Lys Ala Ser Arg Lys Arg		
225 230 235 240		
Leu Thr Val Ser Leu Ala Tyr Ser Glu Ser His Gln Ile Arg Val Ser		
245 250 255		
Gln Gln Asp Phe Arg Leu Phe Arg Thr Leu Phe Leu Leu Met Val Ser		
260 265 270		
Phe Phe Ile Met Trp Ser Pro Ile Ile Ile Thr Ile Leu Leu Ile Leu		
275 280 285		
Ile Gln Asn Phe Lys Gln Asp Leu Val Ile Trp Pro Ser Leu Phe Phe		
290 295 300		
Trp Val Val Ala Phe Thr Phe Ala Asn Ser Ala Leu Asn Pro Ile Leu		
305 310 315 320		
Tyr Asn Met Thr Leu Cys Arg Asn Glu Trp Lys Lys Ile Phe Cys Cys		
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<210> 2

<211> 1083

<212> DNA

<213> Homo sapiens

<400> 2

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gccctgggtgc tgggtggcgcc ccgacgcgc cgcggcgca ctgcctgcct ggtactcaac	240
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<211> 361

<212> PRT

<213> Mus musculus

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Met Ser Pro Glu Cys Ala Gln Thr Thr Gly Pro Gly Pro Ser His Thr		
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20 25 30		
Gly Asp His Arg Leu Val Leu Ser Val Val Glu Thr Thr Val Leu Gly		
35 40 45		
Leu Ile Phe Val Val Ser Leu Leu Gly Asn Val Cys Ala Leu Val Leu		
50 55 60		
Val Ala Arg Arg Arg Arg Gly Ala Thr Ala Ser Leu Val Leu Asn		

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Arg	Gly	Leu	Ser	Gly	Pro	Gly	Arg	Arg	Thr	Gln	Ala	Ala	Leu	Leu	Ala
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Phe	Ile	Trp	Gly	Tyr	Ser	Ala	Leu	Ala	Leu	Pro	Leu	Cys	Ile	Leu	
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Phe	Arg	Val	Val	Pro	Gln	Arg	Leu	Pro	Gly	Gly	Asp	Gln	Glu	Ile	Pro
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Ile	Cys	Thr	Leu	Asp	Trp	Pro	Asn	Arg	Ile	Gly	Glu	Ile	Ser	Trp	Asp
					195				200						205
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					260				265						270
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					275				280						285
Ile	Gln	Asn	Phe	Arg	Gln	Asp	Leu	Val	Ile	Trp	Pro	Ser	Leu	Phe	Phe
					290				295						300
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					305				310						320
Tyr	Asn	Met	Ser	Leu	Phe	Arg	Asn	Glu	Trp	Arg	Lys	Ile	Phe	Cys	Cys
					325				330						335
Phe	Phe	Phe	Pro	Glu	Lys	Gly	Ala	Ile	Phe	Thr	Asp	Thr	Ser	Val	Arg
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<210> 4
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<400> 4

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<220>
<223> primer

<400> 5
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<210> 6
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<220>
<223> primer

<400> 6
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<220>
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<213> Rattus norvegicus

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Gly Asp His Arg Leu Val Leu Ser Val Leu Glu Thr Thr Val Leu Gly
35 40 45
Leu Ile Phe Val Val Ser Leu Leu Gly Asn Val Cys Ala Leu Val Leu
50 55 60
Val Val Arg Arg Arg Arg Gly Ala Thr Val Ser Leu Val Leu Asn
65 70 75 80
Leu Phe Cys Ala Asp Leu Leu Phe Thr Ser Ala Ile Pro Leu Val Leu
85 90 95
Val Val Arg Trp Thr Glu Ala Trp Leu Leu Gly Pro Val Val Cys His
100 105 110
Leu Leu Phe Tyr Val Met Thr Met Ser Gly Ser Val Thr Ile Leu Thr
115 120 125
Leu Ala Ala Val Ser Leu Glu Arg Met Val Cys Ile Val Arg Leu Arg
130 135 140
Arg Gly Leu Ser Gly Pro Gly Arg Arg Thr Gln Ala Ala Leu Leu Ala
145 150 155 160
Phe Ile Trp Gly Tyr Ser Ala Leu Ala Ala Leu Pro Leu Cys Ile Leu
165 170 175
Phe Arg Val Val Pro Gln Arg Leu Pro Gly Gly Asp Gln Glu Ile Pro

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Ile Cys Thr Leu Asp Trp Pro Asn Arg Ile Gly Glu	Ile Ser Trp Asp		
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Val Phe Phe Val Thr Leu Asn Phe Leu Val Pro Gly	Leu Val Ile Val		
210	215	220	
Ile Ser Tyr Ser Lys Ile Leu Gln Ile Thr Lys Ala	Ser Arg Lys Arg		
225	230	235	240
Leu Thr Leu Ser Leu Ala Tyr Ser Glu Ser His Gln	Ile Arg Val Ser		
245	250	255	
Gln Gln Asp Tyr Arg Leu Phe Arg Thr Leu Phe Leu	Leu Met Val Ser		
260	265	270	
Phe Phe Ile Met Trp Ser Pro Ile Ile Thr Ile Leu	Leu Ile Leu		
275	280	285	
Ile Gln Asn Phe Arg Gln Asp Leu Val Ile Trp Pro	Ser Leu Phe Phe		
290	295	300	
Trp Val Val Ala Phe Thr Phe Ala Asn Ser Ala	Leu Asn Pro Ile Leu		
305	310	315	320
Tyr Asn Met Ser Leu Phe Arg Ser Glu Trp Arg Lys	Ile Phe Cys Cys		
325	330	335	
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<400> 21
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<210> 22
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<223> n stands for deoxy thymidine

<400> 22

nnccuggucc uuuuaggcua a

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